

# FE 106

Diagram No. 1222-3

NOAA FORM 76-35A

U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEAN SURVEY

## DESCRIPTIVE REPORT (HYDROGRAPHIC)

Type of Survey ... Field Examination .....

Field No. ....

Office No. .... FE-106 .....

### LOCALITY

State ..... Virginia .....

General Locality ... Chesapeake Bay .....

Locality ..... South Side Thimble Shoal .....

Channel .....

19 52

CHIEF OF PARTY  
J.S. Morton .....

### LIBRARY & ARCHIVES

DATE ..... November 13, 1952 .....

☆ U.S. GOV. PRINTING OFFICE: 1976-669-441

NOTE: A new system for registering Field Examinations (FE's) was established in 1980. All FE's are now consecutively numbered as shown hereon. The date shown in the new format is the actual date of survey. This material was previously registered as; FE No.3 1952

FE 106



**FENo. 3**  
**1952**

FE-106

Diag. Cht. No. 1222-3

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

**DESCRIPTIVE REPORT**

Type of Survey HYDROGRAPHIC

Field No. \_\_\_\_\_ Office No. F.E. No. 3, 1952

**LOCALITY**

State VIRGINIA

General locality CHESAPEAKE BAY

Locality SOUTH SIDE THIMBLE SHOAL CHANNEL

194/ 52

**CHIEF OF PARTY**

J.S. Morton

**LIBRARY & ARCHIVES**

DATE November 13, 1952

B-1870-1 (1)

**FENo. 3**  
**1952**



UNITED STATES COAST GUARD

ADDRESS REPLY TO THE  
COMMANDER,  
FIFTH COAST GUARD DISTRICT  
POST OFFICE BOX 540  
NORFOLK 1, VIRGINIA



O  
31 July 1952  
A1

From: Commander, 5th Coast Guard District  
To: U. S. Coast and Geodetic Survey, 418 Federal Bldg., Norfolk, Va.

Subj: Shoal area, reporting of

1. The U. S. Navy, Harbor Defense Unit, Norfolk, Virginia, reported by telephone that one of their vessels noted a 10-foot shoal area south of Thimble Shoal Channel in position Lat.  $36^{\circ}59'00''$  N., Long.  $76^{\circ}12'30''$  W.

2. This information is forwarded to your office for whatever action is appropriate.

*A. L. Diggs*  
A. L. DIGGS  
By direction

*Many mine planter - y.m.p.2 -  
reported striking or dragging in 10'  
Lat 36-58-59 - Comdr. Cunningham  
Long 76-12-40*



DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

USC&GSS PARKER

418 Post Office Building  
Norfolk, Virginia

POST-OFFICE ADDRESS:

TELEGRAPH ADDRESS:


7 August 1952

WIRELESS ADDRESS:

Memo to: Supervisor, Southeastern District  
U. S. Coast and Geodetic Survey  
Room 418 Post Office Building  
Norfolk, Virginia

There is transmitted herewith boat sheet, sounding record and fathogram of area where 10' shoal was reported.

If extensive developement is desired later it would be desirable to have Shoran arcs for the Cape Henry and Cape Charles stations on the sheet.

  
J. S. Morton  
Commander, USC&GS  
C. O. Ship PARKER



DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY  
SOUTHEASTERN DISTRICT HEADQUARTERS  
ROOM 418, U. S. POST OFFICE BUILDING  
NORFOLK 10, VIRGINIA

7 November 1952

To: The Director  
U. S. Coast and Geodetic Survey  
Department of Commerce Bldg.  
Washington 25, D. C.

Subject: Investigation of reported shoal, south of  
Thimble Shoal Channel.

The Coast Guard reported that a U. S. Navy vessel had reported the possibility of a shoal south of Thimble Shoal Channel several months ago.

Investigation of this shoal was detailed to the Ship PARKER who made a survey in the area reported. The boat sheet and attached letter from the Commanding Officer of the Ship PARKER are being forwarded for use in reviewing our present surveys of that area. As no apparent changes were found, it was not thought necessary to smooth plot this work.

Earle A. Deily  
Comdr., USC&GS  
Supervisor, SE Dist.

EAD:k  
Encl.



DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

POST-OFFICE ADDRESS:

USC&GSS PARKER  
418 Post Office Building  
Norfolk, Virginia

TELEGRAPH ADDRESS:

7 November 1952

EXPRESS ADDRESS:

To: Supervisor, Southeastern District  
U. S. Coast and Geodetic Survey  
418 Post Office Building  
Norfolk, Virginia

Subject: Investigation of reported shoal, south of  
Thimble Shoal Channel

I have this date talked with Lt. Peterson, USN, OIC of the YMP-2, about the reported shoal. Lt. Peterson was not in command, but was aboard at the time his predecessor reported the shoal. They did not actually strike bottom but saw sand stirred up and noticed steering difficulties on two occasions in approximately the same location. The location we have is the best they can furnish and he agreed there would be no point in extending the area already covered.

It is my opinion that there is no shoal in this vicinity but the only conclusive proof of its existence or non-existence would be to drag the area. *Temp. hang of 14 ft. in this vicinity, on*

*FE (11) (1953)  
Area wire dragged  
See FE 8, 1952 -  
Area B.*

I am forwarding to you the Boat Sheet, and sounding volume, and fathograms on this work. The soundings plotted on the Boat Sheet were corrected for predicted tides and fathometer error and appear to be in good agreement with Chart No. 1222. No corrections to soundings are entered in the sounding volume as there is no apparent reason for plotting a smooth sheet and the only value of the records is to show the extent of the work to disprove the existence of the shoal.

*J. S. Morton*  
J. S. Morton  
Commander, USC&GS  
C. O. Ship PARKER



## TIDE NOTE FOR HYDROGRAPHIC SHEET

~~Division of Coastal Survey~~

19 November 1952

Division of Charts: R. H. Carstens <sup>6F4</sup>

Plane of reference approved in 1  
volumes of sounding records for

~~HYDROGRAPHIC SHEET~~ FE No. 3 1952

Locality Thimble Shoal Channel, Chesapeake Bay, Virginia

Chief of Party: J. S. Morton in 1952

Plane of reference is mean low water, reading  
3.6 ft. on tide staff at Hampton Roads (NOB)  
13.4 ft. below B. M. 6 (1927)

Height of mean high water above plane of reference is 2.5 feet.

NOTE: Tide reducers have been entered in red and verified.  
These reducers were obtained by using a time correction of -1 hour at the working grounds.

Condition of records satisfactory except as noted below:

E. C. McKay  
Section of Tides  
Chief, Division of Tides and Currents.



Hydrographic Surveys (Chart Division)

HYDROGRAPHIC SURVEY NO. F.E. No. 3, 1952

Records accompanying survey:

Boat sheets ..1..; sounding vols. .1....; wire drag vols. ....;  
bomb vols. ....; graphic recorder rolls 1. <sup>Env.</sup>....;  
special reports, etc. 4. Letters which have been made into a  
Descriptive Report;  
.....

The following statistics will be submitted with the cartographer's report on the sheet:

Number of positions on sheet	.....	72
Number of positions checked	.....	8
Number of positions revised	.....	0
Number of soundings revised (refers to depth only)	.....	0
Number of soundings erroneously spaced	.....	0
Number of signals erroneously plotted or transferred	.....	0
Topographic details	Time	.....
Junctions	Time	.....
Verification of soundings from graphic record	Time	.....

Verification by *Lu Zaskind* ..... Total time 5 ..... Date 5-20-53  
Reviewed by *Lu Zaskind* ..... Time 3 ..... Date 5-20-53



REVIEW OF F.E. 3, 1952

Ship PARKER

J. S. Morton, Commanding

This field examination was made to investigate the existence of a 10-ft. shoal, south of Thimble Shoal in lat.  $36^{\circ} 59.00'$ , long.  $76^{\circ} 12.5'$ .

Soundings in this area failed to reveal the existence of this shoal.

Subsequent wire dragging (See F.E. 1, 1953) revealed a temporary hang at 14 ft. in this area.

Soundings obtained during the field examination have been applied to Charts Nos. 400, dated 2/30/53 and 481, dated 3/23/53. The charted information is adequate.

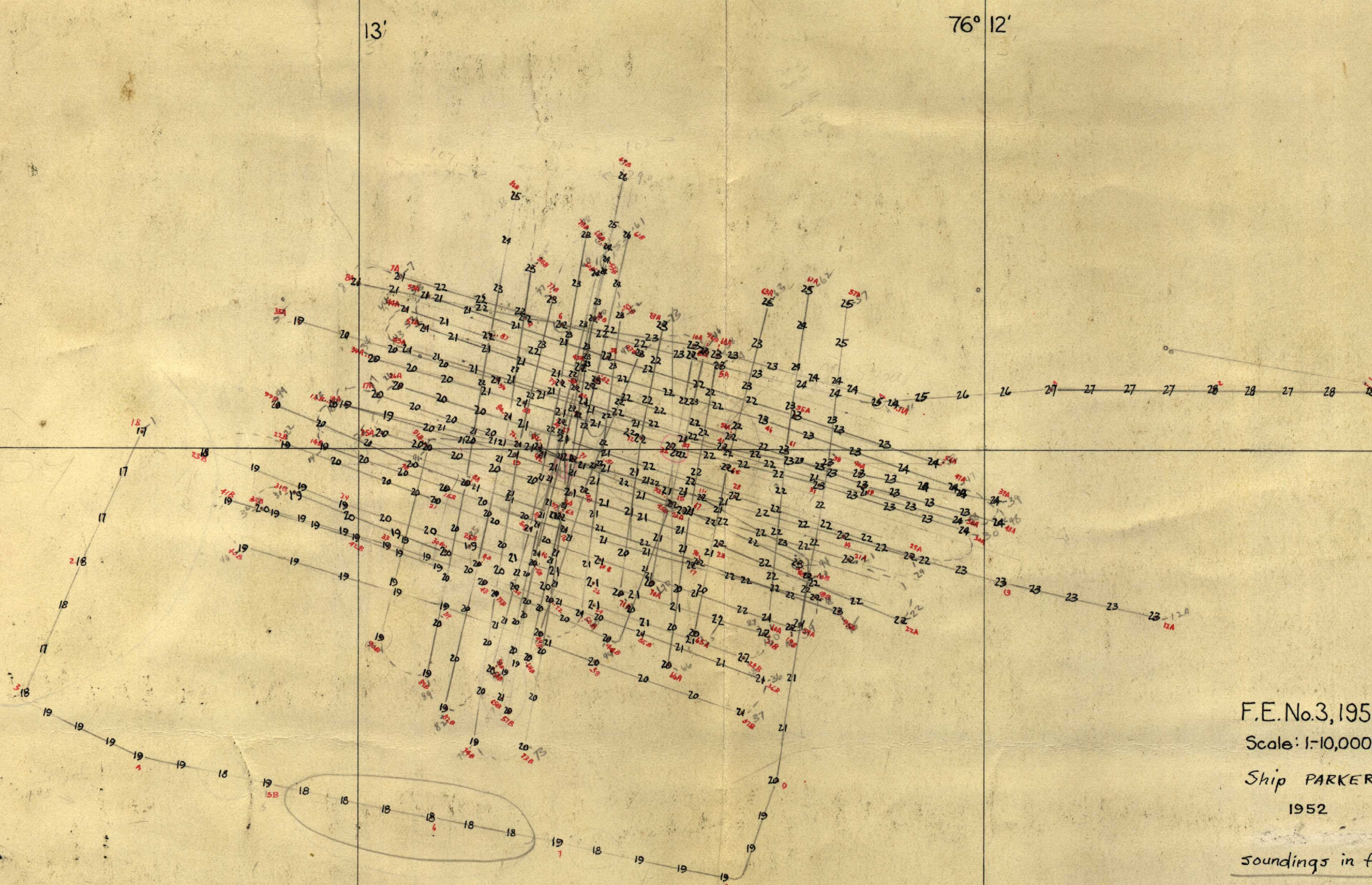
The field examination is plotted on the accompanying section of boat sheet.

The Descriptive Report and attached correspondence adequately cover all other matters pertaining to this examination. No further discussion is considered necessary.

I. M. Zeskind  
5/20/53

Inspected by: R. H. Carstens





F.E. No. 3, 1952

F.E. No. 3, 1952  
Scale: 1:10,000  
Ship PARKER  
1952  
soundings in feet at MLW



## NAUTICAL CHARTS BRANCH

SURVEY NO. F.E.No. 3, 1952

## Record of Application to Charts

DATE	CHART	CARTOGRAPHER	REMARKS
11/14/52	1222	Straw	Before <del>After</del> Verification and Review <i>Examined - not applied</i>
12-18-52	400	R. K. De Lander	<i>Completely Appld</i> Before <del>After</del> Verification and Review
1/6/52	481	H. Evans	Before <del>After</del> Verification and Review <i>fully applied</i>
3/31/53	78	Sam	Before After Verification and Review <i>No correction. (Completely applied)</i>
10/29/53	400	J. Walker	<del>Before</del> After Verification and Review <i>Completely applied - no further correction</i>
4 Oct '54	1222	H. MacEwen	<del>Before</del> After Verification and Review <i>add a few sdgs.</i>
8/16/56	<i>recoratio.</i> 481	<del>Straw</del>	<del>Before</del> After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review

M-2168-1

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.

Examined - No correction to 1222 L.S.S. 11/19/52